



सत्यमेव जयते

The Gazette of India

PUBLISHED BY AUTHORITY

No. 47] NEW DELHI, SATURDAY, NOVEMBER 21, 1964 (KARTIKA 30, 1886)

Separate paging is given to this Part in order that it may be filed as a separate compilation

PART III—SECTION 2

Notifications and Notices issued by the Patent Office relating to Patents and Designs

THE PATENT OFFICE

Patents and Designs

Calcutta, the 21st November, 1964

Application for Patents

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

31st October 1964

96313. T. B. Buhariwala. Improvements in or relating to desk calenders.
96314. Prakash Agricultural Implements Manufacturing Co. Improvements in or relating to automatic crushing, dehusking corn separator device.
96315. Prakash Agricultural Implements Manufacturing Co. Improvements in or relating to seeder device.
96316. A. M. Marks and M. M. Marks. Light polarizing film and fibre forming composition and method.
96317. National Dairy Research Institute. Process for producing bacterial rennet.
96318. M. A. Lohar. Raja-yantra mirachi kandap machine.
96319. B. V. Patankar. Atomised spray irrigation.
96320. Ciba Limited. Manufacture of new imidazoles.
96321. Ciba Limited. Manufacture of new amines.
96322. Ciba Limited. Manufacture of new amines.
96323. Ciba Limited. Manufacture of new amines.
96324. U. S. Industries Inc., Engineering Limited. Improvements in or relating to teaching machines. (1st November 1963).
96325. Toyo Rayon Kabushiki Kaisha. Traversing roll.
96326. Raytheon Company. Improvements in semiconductor devices. (11th March 1964).
96327. Amsted Industries Incorporated. Railway car truck.
96328. Bright Manufacturing Company Limited. Improvements in trimming or sealing strips.
96329. N. V. Philips Gloeilampenfabrieken. Improvements in and relating to methods of preparing a presintering mass for the manufacture of moulded ceramic objects.
96330. N. V. Philips Gloeilampenfabrieken. Improvements in and relating to devices for measuring the angular acceleration of a rotating shaft.

96331. Monsanto Company. Two-stage polymerization of athylene.
96332. Monsanto Company. Vinyl chloride polymer compositions.
96333. Morgan Refractories Limited. Improvements in and relating to furnaces. (7th November 1963).
96334. General Aniline & Film Corporation. Photographic materials.
96335. Richardson-Merrell Inc. Muscle relaxant compositions.
96336. C. I. Williams. Apparatus and method for positioning piping in poured concrete.
96337. C. I. Williams. Rock bolt assembly and method for determining strain and displacement.
96338. The Norwich Pharmacal Company. Improvements in or relating to pyrimidine compounds.
96339. Dunlop Rubber Company Limited. Manufacture of footwear. (6th November 1963).
96340. Pittsburgh Plate Glass Company. Process and apparatus for treating glass. [Divisional date 16th April 1963].

2nd November 1964

96341. Council of Scientific and Industrial Research. Improvements in or relating to the production of electrolytic manganese dioxide suitable for primary batteries.
96342. Council of Scientific and Industrial Research. Improvements in ice point apparatus for thermocouples, thermometers and the like.
96343. M.-y. Chang. Building construction.
96344. Pechiney, Compagnie de Produits Chimiques et Electrometallurgiques. Improvement in ingots.
96345. Imperial Chemical Industries Limited. Lightweight plaster. (11th November 1963).
96346. Societa Chimica Dell'Aniene S.p.A. Improvements in and relating to electrolytic cells.
96347. Shell Internationale Research Maatschappij N. V. A process for lowering the acid number of alkyd resins.
96348. Shell Internationale Research Maatschappij N. V. A process for preparing dimethyl furan.
96349. Shell Internationale Research Maatschappij N. V. A process for treating cellulosic fibres.

96350. Dr. A. K. Das Gupta. Improvement in or relating to the rotor for electric motors and particularly hysteresis motors.
96351. The Goodyear Tire & Rubber Company. Improvements in conveyor belt.
96352. The Goodyear Tire & Rubber Company. Improvements in high pressure pneumatic tire.
96353. The Goodyear Tire & Rubber Company. Improvements in tire cord endings.
96354. Merck & Co., Inc. Preparation of heterocyclic carboxylic acids.
96355. Heinrich Koppers Gesellschaft Mit Beschränkter Haftung. Process for the production of gases of high calorific value.
96356. Let-Offs, Inc. Let-off for looms.
96357. A. Racek. Gas-fuelled lighter.
96358. Knapsack-Griesheim Aktiengesellschaft. Process for the manufacture of powdered magnetite consisting of particles having a smooth and rounded-off surface area.
96359. S. Bastian and M. Gruner. A cement composition and process for preparing it.
96360. Ciba Limited. Process for the manufacture of new bicazazoly-stilbene compounds.
96361. Phillips Petroleum Company. Preparation of conjugated diene polymers.
96362. Johnson & Johnson. Light weight sanitary panty.
96363. General Electric Company. Process for collecting metal whiskers. [Addition to No. 82359].
96364. T. Satake. Horizontal type grain cleaning machines.
96365. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Anthraquinone dyestuff and process for preparing it.
96366. Deutsche Gold-Und Silber-Scheideanstalt vormals Roessler. Water-insensitive, temperature-resistant lubricants. (22nd October 1964).
96367. Magnesium Elektron Limited. Improvements in or relating to magnesium base alloys. (15th November 1963).
96368. SOLO Kleinmotoren GmbH. Internal combustion engine.
96369. G. S. Vaidya. Relief maps of different countries and especially of India.

4th November 1964

96370. PIC Societe Anonyme. Improvements relating to magnetic separators.
96371. Allied Chemical Corporation. Polytetrafluoroethylene.
96372. Glaxo Laboratories Limited. Improvements in or relating to antibiotics. (4th November 1963).
96373. Glaxo Laboratories Limited. Improvements in or relating to antibiotics. (13th July 1964).
96374. Power Jets (Research & Development) Limited. Helicopter rotor. (6th November 1963).
96375. FMC Corporation. Polyolefin article.
96376. Stamicarbon N. V. Process for recovering phosphoric acid from aqueous solutions containing nitric acid and phosphoric acid.
96377. Bivator S. A. Electronic current reverser. [Addition to No. 88245].
96378. Gevaert Photo-Production N. V. New process of recording pattern of light and other radiation. [Divisional date 14th May 1963].
96379. F. Hoffmann-La Roche & Co. Aktiengesellschaft. Process for the manufacture of 9 α , 10 α -and 9 β , 10 α -steroids.
96380. Bright Manufacturing Company Limited. Improvements in hose clamps. (5th November 1963).
96381. Merck & Co., Inc. Quaternary ammonium salts and method of preparation.
96382. Whitefin Holding S. A. Phenylcyclopropane derivatives. (5th November 1963).

5th November 1964

96383. Tokyo Shibaura Electric Company Limited. Protective device for electric cars.
96384. J. N. Parekh. Improvements in or relating to smoke pipes.
96385. J. N. Parekh. A composition useful for removing nicotine, carbon, and other injurious matters from cigarette or like smoke.
96386. Rhone-Poulenc S. A. Process for the preparation of a new piperazine derivative and pharmaceutical compositions containing it.
96387. Dunlop Semtex Limited. Improvements relating to thermoplastic sheet material.
96388. Aktiebolaget Bofors. Device for guiding round cases ejected by recoil action of an automatic gun.
96389. Imperial Chemical Industries Limited. New dye-stuffs. (22nd November 1963).
96390. Albiswerk Zurich A. G. Improvements in or relating to pulse-modulated magnetron transmitters. (27th August 1964).
96391. Standard Oil Company. Benzene polycarboxylic acids.
96392. H. F. A. Topse. Ammonia synthesis converter.
96393. Pittsburgh Plate Glass Company. Drawing glass sheets. (8th November 1963).
96394. R. Anfosso. Activating device.
96395. Foseco International Limited. Treatment of metals. (7th November 1963).
96396. Fuji Iron & Steel Company, Limited. Method and apparatus for manufacturing H-shaped steel.
96397. Potasse Et Engrais Chimiques. Process for recovering oxides of nitrogen.
96398. R. V. Bhingarkar. Free rolling bicycle chain wheel.

6th November 1964

96399. Siemens & Halske Aktiengesellschaft. Improvements in or relating to voltage regulators. (18th September 1964).
96400. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process for preparing organic compounds containing one or a plurality of nitrile groups.
96401. T. Satake. Grain separator.
96402. Asahi Kasei Kogyo Kabushiki Kaisha. Methods and apparatus for the scouring of yarns for use with continuous spinning processes.
96403. Hitachi, Ltd. Magnetic amplifiers.
96404. J. G. S. Keller. Method of and apparatus for the fully automatic production of endless lattice girders.
96405. J. R. Geigy A. G. Preparation of new benzomorphan derivatives.
96406. Aktiebolaget Bofors. Time-delay circuit.
96407. The Bendix Corporation. Improvements in a damped bellows construction.
96408. A. G. Petzetakis. Method and apparatus for the calibration to an accurate cylindrical shape of hoses made of plastic or other similar material. (22nd November 1963).
96409. Dunlop Rubber Company Limited. Improvements in or relating to bonding textile materials to rubber. (13th November 1963).
96410. Ethyl Corporation. Stabilization of alkyllead compounds.
96411. FMC Corporation. Method and apparatus for offshore transfer of fluid.
96412. Gebrüder Moller Glasblaserei. Glass-electrode cell assembly.
96413. Beecham Group Limited. Biological preparations. (7th November 1963).
96414. Richard A. Bathgate Limited. Improvements in or relating to pit props. (7th November 1963).

96415. Hughes Tool Company. Journal bearing for earth penetrating tools.
96416. Draftex G.m.b.H. Improvements in sun visors.
96417. National Castings Company. Self levelling cargo container spreader.
96418. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Benzenesulfonyl ureas and process for their manufacture.
96419. Ciba Limited. Manufacture of diaryl substituted benzocycloalkanes.

Alteration of date

87864. The claim to priority date 14th May 1962 has been disallowed and the application dated as of 8th May 1963, the date of filing in India.
94433. Ante-dated to 28th January 1963 under Section 5 of the Act.

Applications Accepted

Notice is hereby given that all persons interested in opposing the grant of patents on any one of the applications referred to below may at any time within four months of the date of the Gazette of India give notice to the Patents Office in the prescribed form No. 6 of the Indian Patents and Designs Rules, 1933, of such opposition.

A limited number of printed copies of the specifications in the following list will be available for sale from the Government of India Book Depot, 8, Hastings Street, Calcutta, in due course. The price of each specification is Rs. 2 (postage extra, if sent out of India). Requisition for the supply of printed specifications should be accompanied by the numbers of specifications as shown in the following list.

If required typed copies of the specification together with copies of drawing, if any, can be supplied by the Patent Office on payment of the necessary charges which may be ascertained on application to the office.

The dates shown in crescent brackets are the dates allowed under Section 78-A of the Act.

86079. Celanese Corporation of America. Thermosetting resin compositions and thermoset resinous blends prepared from said compositions and method of producing a molded article comprising the same. Accepted on 19th October 1964.

Moldable oxymethylene polymer reacted with formaldehyde to produce thermoset resin.

86325. C. G. Munters. Improvements in or relating to method of manufacturing exchanger packings and exchanger packings manufactured according to said method. Accepted on 31st October 1964.

Characterised in that the sheets are impregnated with a composition which is liquid state forms a gel which thereupon is concentrated by evaporation.

86326. Stauffer Chemical Company. Phenyl and alkyl-phenyl thio esters of chloromethylphosphonothioic and dithioic acids. Accepted on 2nd November 1964.

O-ethyl chloromethylphosphonochloridate or chloridothionate is reacted with phenyl mercaptan.

86341. Sandoz Ltd. Phthalocyanine derivatives, their production and use. Accepted on 4th November 1964.

Reacting reaction product of chlorosulfonic acid and phthalocyanine derivatives containing upto 4 chlorine and or bromine and a metal atoms and 7-9 arylthiogroups, with 2-ethylhexylamine.

86365. Extraction De Smet S. A. Diffusion plant for sugar works. Accepted on 2nd November 1964.

Spraying devices, for juice on beet roots moving counter currently on open-work endless-conveyor, connected by pump and pipes to succession of tanks located below said conveyor belt.

86367. The Glidden Company. An improved process for electrocoating by deposition of paint from an aqueous bath onto an electrodes, a paint binder for use therein and articles coated thereby. [Addition to No. 83621]. Accepted on 31st October 1964.

Characterized by one or more features (1) the binder fraction containing the partially neutralized polycarboxylic acid resin has particles of the size upto 500 millimicrons (2) the pH of the bath is maintained between about 5 and 7 or 8.2 and 8.3 (3) a binder replenishment containing the partially neutralized polycarboxylic acid resin, extender and an water soluble amino compound is added to the bath.

86382. Council of Scientific and Industrial Research. An improved process of coal flotation. Accepted on 6th November 1964.

Using double grids within sub aeration flotation cell.

86383. Council of Scientific and Industrial Research. Process for the production of potash alum. Accepted on 5th November 1964.

Comprising reacting aluminium sulphate solution with mixed salt whereby potash content is recovered as potash alum.

86511. P. O. Hain. Coated paper and a process therefor. Accepted on 5th November 1964.

Passing through the nip between a pair of turning rolls, a fibrous cellulose paper substrate having on at least one surface thereof, a layer of a finely divided solid filler in intimate admixture with a non-water absorptive, film forming heat softenable resin particles.

86513. Standard Telephones and Cables Limited. Remote concentrators such as used in telephone systems. Accepted on 6th November 1964.

In which the common battery whose connection to the apparatus is controlled from a central exchange, can be connected to the concentrator's bus-bar via a contact of a connection relay whose holding circuit includes a contact of a holding relay energised from the bus-bars.

86639. Council of Scientific and Industrial Research. An inexpensive chemical method of dicing a semiconductor slice for the manufacture of transistor family devices. Accepted on 6th November 1964.

Coating a slice of the material to be diced with a thin layer of etch resistant substance, marking outlines of the dices to be cut either mechanical or by phoresitant technique so that the base material is exposed at the lines thus marked (iii) etching the slice so marked by dipping it in an etching solution and continuing the etching until the slice is cut through and the dices are separated out.

86777. N. V. Philips Gloeilampenfabrieken. Improvements in and relating to radiation sources of the kind comprising a gas discharge tube. Accepted on 2nd November 1964.

At least part of the resistor stabilising the discharge is formed by a resistance layer applied to the envelope of radiation source and electrically connected to the discharged electrodes.

86948. Badische Anilin- & Soda-Fabrik Aktiengesellschaft. Granular expandable thermoplastic compositions. Accepted on 5th November 1964.

Comprising (A) halogen-free polymer or copolymer from aromatic or cycloaliphatic vinyl compounds with (B) polymer of vinyl or vinylidene chloride having chlorine content of 8-25% by weight, weight ratio of (A):(B) being above 60:40 and (C) 2-20% by weight of gaseous or liquid expanding agent.

87056. Societe D'Electronique Et D'Automatisme. A method of manufacturing printed circuits. Accepted on 31st October 1964.
- Comprises the steps of forming at least one conductive layer with a relief, the peaks and ridge of which delineate the contours uniting layer to insulating substratum, and removing said peaks and ridges.*
87058. Amchem Products Inc. Herbicidal compositions. Accepted on 6th November 1964.
- Containing 1-45% by weight 3-amino-2, 5-dichlorobenzoic acid and inert carrier or diluent.*
87090. Rohm & Haas Company. Process for preparing an oil-soluble copolymer, oil soluble copolymer so produced and compositions containing the same. Accepted on 4th November 1964.
- Adding vinyl ester to a polymerizing mixture containing monoethylically unsaturated monomer and a base polymer and polymerizing the resulting mixture under the influence of a free radical initiator.*
87146. Imperial Chemical Industries Limited. Polyoxymethylene compositions. (2nd April 1962). Accepted on 2nd November 1964.
- Comprising high molecular weight oxymethylene polymer and a stabilising system comprising a thioester or a metal dialkyl dithiophosphate, and a 2-hydroxy-benzophnone or aromatic esters of hydroxy aromatic acid or as benzotriazol derivative.*
87463. The Britannia Engineering Co. Ltd. Improved tea sorting machine. Accepted on 17th October 1964.
- Comprising a plurality of sieve carrying trays arranged horizontally one above the other wherein while one set of alternate trays is adapted to move upwards, other set of alternate trays is adapted to move downwards and vice versa.*
87560. Ishikawajima-Harima Jukogyo Kabushiki Kaisha. Method for nitrogen-enrichment of molten steel covered with slag. Accepted on 22nd October 1964.
- Blowing nitrogen generating compound into molten steel by means of nitrogen or any inert gas.*
87678. The Duriron Company, Inc. Sleeve lined plug valves. Accepted on 30th October 1964.
- Sleeve lined plug valve wherein the liner sleeve being maintained in tension over its entire operating range of temperature, the liner sleeve being fabricated of a fluorocarbon material.*
87695. Metallgesellschaft Aktiengesellschaft. Method for control of processes for heat treatment of solid materials on travelling grates. [Addition to No. 83696]. Accepted on 30th October 1964.
- Wherein the point of measurement of exhaust gas temperature curve is so situated that sintering process is completed just at the discharge end of the belt.*
87712. Chas. Pfizer & Co., Inc. Process for the preparation of maltol and maltol so produced. (21st May 1962). Accepted on 2nd November 1964.
- Reducing hydroxymaltol under substantially neutral or acidic condition.*
87713. United States Steel Corporation. Self-centering roll for centering a travelling web. Accepted on 31st October 1964.
- Comprises two shells with respective ball bearings mounted on a non-rotatable shaft, with a gap between permitting and limiting deflection of both shells and shell rotating means.*
87722. Banyagyutacsgyar. Automatic dipping machine for dipping ignition heads and other small-dimensioned bulk goods. Accepted on 31st October 1964.
- A chamber having therein a dipping pan disposed within a fixed stock pan containing a dipping solution, means for effecting a vertical upwards and downwards movement of said dipping pan, a bar extending across said chamber and carrying said products.*
87728. Verwaltungsgesellschaft der Werkzeugmaschinenfabrik Oerlikon. Rectifying-type welding circuit. Accepted on 2nd November 1964.
- By the inclusion of a winding in the transformer included between the a.c. source and rectifier which is traversed by the current delivered by the rectifier to the electrode.*
87745. Scientific Mechanic Works. A bearing unit for spindles of spinning and twisting machines. Accepted on 2nd November 1964.
- Comprises a spindle bolster supporting an anti-friction neck bearing held within two washers, a spacer tube, damping means, a spring housing accommodating a foot step bearing, a conical washer and a bearing seat.*
87754. J. R. Geigy A. G. Process and impregnation liquor for the dyeing polyamide fibres. Accepted on 4th November 1964.
- Characterised by impregnating with optionally thickened aqueous solution of acid wool dyestuff at temperature which are under the drawing temperature of these dyestuffs, and finishing the dyeing by use of a hot acid bath or by steaming and rinsing.*
87759. Enfield-Standard Power Cables Limited. Method and apparatus for covering pipes and other articles with organic plastic materials. (4th May 1962). Accepted on 4th November 1964.
- Including preforming a hollow covering to have an interference fit with the surface to be covered, bringing the interfering surface of the covering and the article together whilst distorting the covering interfering surface.*
87763. Pratt & Whitney Company, Incorporated. Method for facilitating hydration in cementitious material. Accepted on 2nd November 1964.
- Supplying water to cementitious surface while being subjected to high frequency electric field.*
87773. AMP Incorporated. Improvements in or relating to composite electrical connector housing comprising modular housings. Accepted on 4th November 1964.
- Comprising a plurality of modular housings secured together inside by side relation and matable with a similar composition housing comprising identical modular housing.*
87775. Rohm & Haas Company. Spinnerets and methods of making them. Accepted on 31st October 1964.
- Comprising a plurality of open-ended capillary tubes with their axes disposed parallel to one another the tubes being united into an integral unit by cement disposed between the outer walls of the tubes.*
87776. Sperry Rand Corporation. Improvements in or relating to card holders for visible card indexes. Accepted on 4th November 1964.
- Holder in which the card supporting sheet being transparent.*
87780. Compagnie De Saint-Gobain. A process for the preparation of granulated phosphate fertilizers having a base of superphosphate. Accepted on 4th November 1964.
- Mixing together the products formed by treating phosphate mineral with (1) cone phosphoric acid and (2) dilute phosphoric acid respectively, granulating and drying the mixture.*

87782. Boots Pure Drug Company Limited. Pesticidal composition. Accepted on 4th November 1964.
Comprises active ingredient like α -naphthyl N-acetyl-N-methyl-carbamate admixed with pesticide adjuvants.
87792. The Triveni Engineering Works Limited. Improved apparatus for the catching and removal of entrained liquid in vapours. (5th May 1962). Accepted on 6th November 1964.
Consisting of survey vanes spinning in a centrifuge and means to vary passages there-through.
87820. Imperial Chemical Industries Limited. Metallised azo dyestuffs and their manufacture. (15th May 1962). Accepted on 6th November 1964.
Reacting a copper, chromium or cobalt complex of a sulphonated mono-, di-, or tri-azo compound with a hydrazine.
87821. Imperial Chemical Industries Limited. Azo dyestuffs and their preparation. (15th May 1962). Accepted on 6th November 1964.
Reacting an azo compound with a hydrazine.
87822. Imperial Chemical Industries Limited. Azo dyestuffs and their preparation. (15th July 1962). Accepted on 6th November 1964.
Reacting an azo compound with a hydrazine.
87828. Polymer Corporation Limited. Continuous process for polymerization of olefinic compounds and products produced thereby. (10th May 1962). Accepted on 5th November 1964.
The continuous process of producing a copolymer of ethylene and at least one copolymerizable olefinic compound comprises continuously feeding to a reaction zone, a feed stream comprising ethylene said olefinic compound and a catalytic amount of catalyst and continuously withdrawing from said reaction zone a liquid product stream containing the copolymerization product.
87852. Union Carbide Corporation. Liquid phase oxidation of saturated aliphatic hydrocarbons. Accepted on 5th November 1964.
By continuously feeding liquid hydrocarbon and oxygen containing gas to an elongated reaction zone conducting oxidation at a temperature of 125 to 250° and under a pressure of from 500 to 2,000 p.s.i.g. and cooling the effluent from the reaction zone.
87864. Massey-Ferguson Inc. Apparatus for wafering hay. Accepted on 6th November 1964.
A wheeled frame, an annular series of radially extending die cells circumferentially spaced thereon about a rotary compression means and rotary crop pick-up means and an engine mounted on the said frame.
87873. Rhone-Poulenc S. A. Thiadiazolone compounds, a process for their preparation and fungicidal compositions containing them. Accepted on 5th November 1964.
Comprises reacting perchloro methylmercaptan with a thiadiazolone.
87876. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to thermo-electric cooling devices. Accepted on 5th November 1964.
Characterized in that the rod-shaped elements are relatively spaced from each other and that on at least one of sides of the battery, preferably on both sides, the sum of the sections, at right angles to the longitudinal direction of the rod-shaped element of the junction pieces present on the relevant side of the battery, divided by the sum of the sections of the rod-shaped elements at right angles to their longitudinal direction is equal to the spread i.e. the value of which is at least equal to 1.5 & preferably at least equal to 2.
87888. Veb Spindelfabrik Hartha. Pivot bearing for spinning and twisting spindles. Accepted on 6th November 1964.
The centering element consists of a rigid pin inflexible connected with the bearing housing at least in radial direction, the extension of the bearing tube acting as damping tube with respect to the said pin.
87892. Mrs. Jaya Bhagwandas Asar. Paper punch. Accepted on 5th November 1964.
Having a paper centering arrangement by a pair of measuring elements operable by a common operating means.
87899. H. Grun. Improvements in or relating to skirting board or foot rail made of plastic material. Accepted on 6th November 1964.
Characterised in that the board or rail has a channel defined between two longitudinal strips and a central longitudinal slot formed between the edges of the strips.
87959. H. Singh. Improved method of preparing stereoscopic pictures and the pictures so made. Accepted on 2nd November 1964.
Characterized in that the two shots are exposed on the positive stock through the raster means in such a way that unexposed portions of the positive stock by the opaque lines get exposed during the second exposure when raster means is shifted by the thickness of the opaque line and is then printed by known process, said exposed and then printed positive stock when viewed by the raster means gives rise to three dimensional or stereoscopic effect.
87965. Shell Internationale Research Maatschappij N. V. Process for the catalytic conversion of hydrocarbons. Accepted on 5th November 1964.
Using a hexafluoroantimonic acid catalyst containing not more than 6 parts by volume of diluent per part by volume of catalyst.
87966. Shell Internationale Research Maatschappij N. V. Process for the catalytic conversion of hydrocarbons. Accepted on 5th November 1964.
Using a hexafluoroantimonic acid catalyst containing more than 6 parts by volume of diluent per part by volume of the same.
87969. Hewitt-Robins International, S. A. Cantilever rotary reclaimer. Accepted on 2nd November 1964.
Comprising a frame, a boom supported on the frame, a bucket wheel and a harrow supported on the boom, means for raising and lowering the harrow and the wheel in a vertical plane and means for rotating said harrow and wheel about a vertical axis.
88037. Rayonier Incorporated. Cold caustic refining of cellulose. Accepted on 6th November 1964.
Comprises subjecting unbleached or partially bleached cellulosic material to a refining treatment, in an aqueous caustic solution containing from 10 to 16% by weight of total titratable alkali and from 6 to 28% by weight of a soluble borate compound.
88071. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to recording and/or playback apparatus employing magazines. Accepted on 2nd November 1964.
Characterized in that, an electric circuit is provided which on rewinding when actuates by a mark provided in the proximity of the extension of the tape switches off the switched-on driving and switches it on again after a predetermined lapse of time.
88072. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to recording and/or playback apparatus employing tape-shaped record carriers. Accepted on 2nd November 1964.
Characterized in that for switching on the driving of the reel and the adjustable pressing means on switching device is provided which can be switched by one operating member.

88106. Gunson's Sortex Limited. Improvements relating to the sorting of translucent objects. Accepted on 6th November 1964.

Comprises illuminating means for illuminating the translucent objects to be sorted with polarised light, light sensitive means positioned to receive light, a separator controlled by the light-sensitive means, an analyser disposed in the path of the light, and a control device for reducing or eliminating the extent to which the signal produced by the light-sensitive means varies with the size of the translucent object to be viewed.

88115. Imperial Chemical Industries Limited. Improvements in and relating to the reforming of hydrocarbons. Accepted on 5th November 1964.

Process of steam reforming a liquid on gaseous hydrocarbon by passing the said hydrocarbon with steam over a catalyst at a temperature in the range of 550-750°C and at a pressure of at least 100 p.s.i.g.

88134. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Water-soluble yellow monoazo-dyestuffs and process for preparing them and textile fibrous materials consisting of cellulose which have been dyed, printed or coloured with said dyestuffs. Accepted on 31st October 1964.

An amino is diazotized in form of acid sulphuric acid ester and coupled with a pyrazolone.

88153. Standard Telephones and Cables Limited. Multi-conductor plastic insulated telephone cables. Accepted on 5th November 1964.

Comprises a plurality of pairs of conductors, wherein each said pair is covered by plastic insulation common to said pair, said common plastic insulation having been extruded over said pair to include a layer of insulation material enclosing each conductor and a web like portion defining the spacing of the conductors.

88173. Institut Francais Du Petrole, Des Carburants Et Lubrifiants. Injection device, particularly adapted for carrying out the double injection method in internal combustion engine. Accepted on 5th November 1964.

Comprising an injection pump having a number of outlet ports fed in successive order, at least one injector per cylinder and main pipes connecting each outlet port of the pump to each corresponding injector.

88225. Heinrich Koppers Gesellschaft Mit Beschränkter Haftung. Apparatus for continuously transferring a finely divided solid from a chamber at normal pressure to a chamber at elevated pressure. Accepted on 5th November 1964.

Apparatus for continuously transferring a finely divided solid from a chamber at normal pressure to a chamber at elevated pressure comprises means for forming by compression and advancing a gas impervious closure plug of the divided solid.

88256. A. B. Nathawani. Improvements in or relating to louvered windows or like structures. Accepted on 4th November 1964.

Characterised in that one of the two channels carries clips connected to a driving bar operable by a handle, while the other channel carries non-connected clips, the clips gripping a glass blade.

88356. Montecatini Societa Generale Per L'Industria Mineraria E Chimica. Process for the preparation of beta-amino-arylethylketone picrates. Accepted on 6th November 1964.

Reacting methylarylketone, formaldehyde, an amine salt and picric acid in a single operative step in a solvent medium.

88392. Associated Electrical Industries Limited. Improvements in inlet glands for liquid supply to rotors. (13th June 1962). Accepted on 31st October 1964.

Having a first set of concentric cylindrical members fixed co-axially with the rotor and a second set of concentric cylindrical members fixed co-axially with the supply pipe, the members of the two set being interleaved.

88431. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process for the preparation of fast brown dyeings or prints on shaped structures such as fibres, threads, ribbons, fabrics or foils of aromatic polyesters. Accepted on 31st October 1964.

Wherein fibres, threads of aromatic polyesters are heated with an aqueous dispersion of the monoazodyestuff 4-nitro-2'-6-trichloro-4'-dihydroxyethylamino-azo benzene.

88521. Solo Kleinmotoren GMBH. Portable spraying device having an engine blower unit. Accepted on 31st October 1964.

Priming unit for the engine being disposed partly within the blower of the spraying unit.

88587. H. G. Enterprises. Support for the joint between the sacrum bone and the ilium bone. Accepted on 31st October 1964.

Having a one piece body portion of strong flexible fabric and means for detachably securing the opposite ends of body portion together in fixed overlapping relation to encircle the body of the wearer and adjusting members having divergent end portions secured to the body portion at transverse folds and secured to a single tab.

88590. The Babcock & Wilcox Company. Device for detecting the presence of flaws in longitudinally extending work pieces. Accepted on 31st October 1964.

Comprising a carriage arranged to engage the workpiece, means for supporting said carriage, means allowing movement of the carriage so that it follows the deviations of the workpiece from the strict axial travel.

88687. Sperry Rand Corporation. Apparatus for sensing holes in data record. Accepted on 6th November 1964.

Having radiation detecting cell located at a substantial distance from the data record.

88802. C. R. Matheson. Load-lifting apparatus. Accepted on 4th November 1964.

Comprising first cable means, lighter than air craft secured to the first cable means and lifting at least a portion of the latter off the ground, second cable means carried by the first cable means.

88893. Fuel Injections Limited. Improvements in or relating to fuel oil filter assembly. Accepted on 5th November 1964.

Comprises an assembly of filter pads held sandwiched between a top plate and a bottom plate secured in compression between retainer clips, each of said plates is provided with a central hole through which filtered oil passes out.

88918. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to methods of manufacturing curved gas discharge lamps. Accepted on 31st October 1964.

During the last stage of treatment so great a quantity of rare gas is introduced that pressure becomes equal to atmospheric and tube is subsequently bent.

88965. G. D. Thakoor. Improvements in or relating to waste fittings for sinks and wash basins. Accepted on 31st October 1964.

An outer receptacle with a central cylindrical plug at bottom and having outlet apertures at its base and an inner, removable and detachable perforated basket held in said receptacle.

89072. Sperry Rand Corporation. Electronic switch circuit. [Addition to No. 82447]. Accepted on 6th November 1964.

With an impedance connected in parallel to the load.

89137. J. S. Jhaveri. Magnetic game boards. Accepted on 4th November 1964.

The game board or the pawns or pieces being permanently magnetised or are provided with attachment on inserts of permanent magnets or magnetisable materials.

89241. Imperial Chemical Industries Limited. Polyurethane coating compositions. (9th August 1962). Accepted on 6th November 1964.

Consists of an isocyanate-ended polyurethane, an organic polyisocyanate containing isocyanurate rings and solvent inert to isocyanate.

89338. Associated Electrical Industries Limited. Mounting arrangements for printed circuit boards. (15th August 1962). Accepted on 2nd November 1964.

Comprises support member to which the printed ckt boards can be secured and which are mounted on a common axle lying transversely to the support members.

89427. D. P. Parkhe. Improvements in or relating to a device for uniform seed sowing, spraying insecticidal dust or like operations. Accepted on 5th November 1964.

Receptacle for containing seed is situated directly above the air blower and that the axis of the tube or hose is at right-angles to the plane of alignment of the air blower and the receptacle.

89434. Inland Steel Company. Method of heating steel billets. Accepted on 31st October 1964.

That the bloom or billet contains in known manner tellurium and are advanced through the furnace in such a path and the burner flames that the surface of bloom or billets are maintained out of contact with outer end portions.

89520. Wm. Wrigley Jr. Company. Laminated package wrapper with tear strip. Accepted on 6th November 1964.

Comprising a plurality of superposed layers of different prefabricated sheet materials together and including an inner metal foil with a narrow tear strip with an integral projecting tab.

89588. Standard Telephones and Cables Limited. Communication system. Accepted on 31st October 1964.

Comprising source of communication signals means to compress the same, means to propagate the latter over a narrow band width transmission medium, and means enabling reproduction of communication signal.

89703. Indian Plywood Manufacturing Company Limited. Improved decorative and figured veneers, boards and the like, and process for manufacture of the same. Accepted on 4th November 1964.

Manufactured by gluing different coloured or textured woods and then cutting into thin layers laterally or at an angle with or without curing or softening process.

89992. Hitachi Ltd. Program control device for rolling mills. Accepted on 31st October 1964.

Comprising means for effecting the program reading in response to rolling passes and means for effecting the program reading independently of the advance of rolling passes.

90184. AMP Incorporated. Multi-aperture magnetic core shift register. Accepted on 31st October 1964.

Comprising magnetic material defining first and second magnetic path, then being first clearing winding means energisable to derive the material of each flux and second clearing winding to drive the material of each flux.

90487. H. N. Pherwani. Mechanical-cum-manual exercise bed. Accepted on 4th November 1964.

Comprising a frame cover, a shoulder rest, and worm wheel assembly.

90971. J. Stone & Company (Deptford) Limited. An electrical conductor splice. Accepted on 2nd November 1964.

Includes a body member having electrical surface contact areas for receiving side by side the tail ends of at least two electrical conductors and clamp means for clamping the tail ends.

90990. Diamond National Corporation. Molded container for food products or the like, and packages comprised thereof. Accepted on 2nd November 1964.

Comprising a shallow tray, having a bottom wall, upstanding side and end walls integral with said bottom wall and having a peripheral margin.

91045. Joseph Lucas (Industries) Limited. Spark ignition systems for internal combustion engines. (5th December 1962). Accepted on 5th November 1964.

Includes an additional capacitor connected in the system such that in the event of the interrupter breaking down after it opens, the charge on this additional capacitor will prevent inadvertent switching on of the switchable rectifier.

94433. Hercules Powder Company. Azidoformates and process for the manufacture thereof. [Divisional date 28th January 1963]. Accepted on 28th October 1964.

Reacting a chloroformate containing at least 6 carbon atoms with an alkali azide.

Printed Specification Published

A limited number of printed copies of the undernoted specifications are available for sale from the Officer-in-Charge, Government of India, Central Book Depot, 8, Hastings Street, Calcutta, at two rupees per copy.

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| 76550. | 76557. | 76558. | 76590. | 76599. | 76602. | 76651. |
| 76659. | 76775. | 76875. | 76878. | 76933. | 77104. | 77116. |
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| 77636. | 77710. | 77881. | 77883. | 77894. | 77918. | 77931. |
| 77948. | 77956. | 77957. | 77965. | 77968. | 77972. | 77983. |
| 77999. | 78000. | 78001. | 78002. | 78004. | 78011. | 78012. |
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| 78451. | 78498. | 78504. | 78593. | 78620. | 78633. | 78635. |
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| 80857. | 81311. | 81505. | 84099. | 84795. | | |

Correction of Clerical Errors

(1)

Under Section 62, of the Indian Patents and Designs Act, 1911, certain clerical errors occurring in the specification in respect of Patent No. 72100 was corrected on the 24th October, 1964.

(2)

Under Section 62, of the Indian Patents and Designs Act, 1911, certain clerical errors occurring in the drawings in respect of Patent No. 84256 was corrected on the 24th October, 1964.

Patents Sealed

82117. 82123. 83038. 83125. 83140. 83162. 83441.
83884. 84058. 84065. 84066. 84175. 84193. 84197.
84219. 84324. 84325. 84356. 84436. 84437. 84534.
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85031. 85036. 85062. 85293. 85308. 85354. 85355.
85384. 85392. 85488. 85519. 85595. 85601. 85622.
85802. 85916. 86142. 86192. 86238. 86370. 86447.
86448. 86574. 86612. 86701. 86841. 86893. 87068.
87323. 87325. 78410. 78577. 87683. 88702. 90827.
92361.

Amendment Proceedings

The amendment proposed by Monsanto Chemical Company in respect of Patent application No. 83092, as advertised in the Gazette of India, Part III, Section 2, dated the 4th July 1964, has been allowed.

Registration of Assignments, Licences, etc.

Assignments, licences or other transactions affecting the interest of the original patentees have been registered in the following cases. The number of each case is followed by the names of the parties claiming interests :—

40627 — Compagnie Financiere Haussmann.
51739 — United States Gypsum Company.
62137 — General Precision, Inc.
63076 — President of India.
71591 — Imperial Chemical Industries Limited.
77614 — The Triveni Engineering Works Limited.
78063
78256
78257 Massey-Ferguson Services N. V.
78258
78608
80788 — Hercules Iberica S. A.
81200 — M. H. Detrick Company.

Renewal Fees Paid

42361. 44224. 44225. 46241. 46296. 46317. 46399.
46629. 48421. 48422. 48425. 48449. 48608. 48761.
48809. 49115. 49983. 50630. 50795. 50827. 50847.
50892. 51081. 53054. 53180. 53183. 53347. 53478.
53543. 53579. 53616. 53617. 53776. 53789. 55317.
55811. 55867. 55971. 56008. 56090. 56214. 56433.
56467. 56510. 56545. 56574. 58800. 58804. 58826.
58915. 58927. 58940. 58950. 59018. 59019. 59029.
59030. 59031. 59032. 59033. 59109. 59135. 59172.
59283. 59327. 59420. 62051. 62052. 62053. 62054.
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62863. 62892. 63350. 64924. 65151. 65168. 65169.
65170. 65673. 65731. 65751. 65868. 65891. 65977.
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66115. 66157. 66164. 66181. 66231. 66438. 66580.
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69577. 69579. 69612. 69634. 69647. 69648. 69739.
69761. 69901. 69924. 69925. 69927. 69964. 69980.
69991. 70016. 70102. 70285. 70362. 70530. 70623.
70788. 70798. 70837. 70869. 70870. 71038. 71202.
71901. 72478. 72613. 73442. 73629. 73889. 73952.
73978. 73997. 74028. 74082. 74118. 74165. 74204.

74271. 74318. 74349. 74354. 74358. 74359. 74360.
74361. 74377. 74378. 74395. 74396. 74426. 74427.
74428. 74429. 74444. 74505. 74552. 74560. 74591.
74608. 74613. 74667. 74672. 74688. 74689. 74695.
74725. 74726. 74765. 74902. 75059. 75321. 75378.
75469. 75512. 75577. 76891. 78461. 79100. 79116.
79117. 79204. 79564. 80008. 82736. 82887.

RENEWAL FEES PAID in respect of State Patents under provision Section 80 of the Indian Patents and Designs Act.

Kashmir Patents

145

Cessation of Patents

43666. 43548. 43559. 45329. 45542. 45569. 47743.
49971. 50003. 52405. 52408. 52435. 52438. 52446.
52450. 55046. 55411. 56764. 57961. 57971. 61195.
61197. 61215. 61247. 61282. 61303. 61308. 64746.
64747. 64763. 64778. 64788. 64793. 64801. 64807.
64816. 66459. 68560. 68576. 68578. 72690. 72692.
72710. 72716. 72721. 72757. 72758. 72765. 72772.
72778. 72779. 72780. 72791.

Restoration Proceedings

Notice is hereby given that an application has been made under Section 16, of the Indian Patents and Designs Act, 1911, for the restoration of the following patent :—

No. 71116—*Schaku Scharfenberg Kupplung G.m.b.H.*

The patent ceased on the 18th March 1964, owing to non-payment of renewal fee within the prescribed time and cessation of the patent was notified in Part III, Section 2, of the Gazette of India, dated the 25th July 1964. Any person may give notice of opposition to the restoration by leaving an application on Form 6 of the Indian Patents and Designs Rules, 1933, at the Patent Office, 214, Lower Circular Road, Calcutta-17, on or before the 2nd January, 1965.

Registration of Designs

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Indian Patents and Designs Act.

The date shown in each entry is the date of registration of the designs including in the entry.

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

Class 1. Nos. 122652 and 122653. Sadashiv Mahadev Patil, 'Niranjan', Natu Baug, 1885, Sadashiv Peth, Poona-2, Maharashtra, A subject of the Indian Union, "Cycle-lamps", July 13, 1964.

Class 1. No. 122754. United Industries (India) (An Indian Partnership Concern), Siri Nagar, Aligarh, U.P., "Stapling machine", July 25, 1964.

Class 1. No. 122757. Indra Engineering Works, 30/2, Shaktinagar, Delhi-6, (India) a Proprietary Concern, "A telephone stand", July 25, 1964.

Class 1. No. 122769. Monarch Mechanical Works, Indian Partnership Firm, Mahidharpura, Ghia Sheri, Surat, Gujarat, "Containers", July 27, 1964.

Class 3. No. 122005. Shivandas Bakhatmal Bindrani, Room No. 12, New Building, M. J. Phule Market, Bombay-1, Maharashtra, an Indian "Electric bed switches", April 27, 1964.

Class 3. Nos. 122799 to 122808. Maharashtra Plastics, 37/2, Shankarseth Road, Navyug Studio Compound, Poona-2, in the State of Maharashtra, "Soles for footwear", July 28, 1964.

Class 3. No. 123094. Wahie Brothers, 74/C, Balaram Dey Street, Calcutta-6, West Bengal, Indian Proprietary concern, "Container", August 21, 1964.

Class 3. No. 123227. Keki Ardeshir Gilder, An Indian Citizen, Gilder Villa, 9, Perry Cross Road, Bandra, Bombay-50, Maharashtra, India, "Toy", August 28, 1964.

Class 4. Nos. 122858 to 122860. D & P Products (Private) Limited, an Indian Company, Bombay-Agra Road, Bhandup, Bombay-78, Maharashtra, India, "A bottle", July 29, 1964.

Class 13. Nos. 123105 to 123131. The Shree Niwas Cotton Mills Ltd., an Indian Firm, Delisle Road, Bombay-13, "Cotton piecegoods", August 22, 1964.

Class 13. Nos. 123357 to 123361. The Mafatlal Fine Spg. & Mfg. Co. Ltd., an Indian Company, Navsari, Gujarat State, "Textile goods", September 9, 1964.

Class 13. Nos. 123396 to 123402. The Khatau Makanji Spg. & Wvg. Co. Ltd., 6, Ballard Pier, Laxmi Building, Fort, Bombay, Indian Company, "Textile piecegoods", September 15, 1964.

Class 13. No. 123562. The Standard Mills Company Limited, Mafatlal House, Backbay Reclamation, Bombay-1, "Textile goods", September 28, 1964.

Copyright Extended for a Second Period of Five Years

Design No. 101754, Class 1.

Design No. 101437, Class 5.

Copyright Extended for a Third Period of Five Years

Design Nos. 82083 to 82085, Class 1.

Design No. 82200, Class 1.

Design No. 82670, Class 12.

A. JOGARAO

*Controller General of Patents,
Designs and Trade Marks.*

